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# Working Safely with Video Display Terminals



U.S. Department of Labor Alexis M. Herman, Secretary

Occupational Safety and Health Administration Gregory R. Watchman, Acting Assistant Secretary

OSHA 3092 1997 (Revised)

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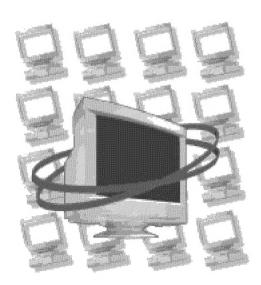
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The applications of computer technology and the accompanying use of video display terminals (VDTs) are revolutionizing the workplaces of America, and their use will continue to grow in the future.

For example, in 1984 only 25 percent of the U.S. population used computers at work; in 1993, more than 45 percent of the population used computers at work and the number continues to grow. Also, more than 18 million workers are in jobs that often require intensive keying.

Along with this expanding use of VDTs have come reports about adverse health effects for VDT operators. To help inform employers and employees, this booklet briefly examines the potential hazards and interventions employers can use to prevent or reduce the potential harmful effects of working with VDTs.

Some of the most common stressors, their related health effects, and their means of prevention are discussed. A checklist to assess workstations also is included. (See Appendix.)



VDTs—comprised of a display screen, a keyboard, and a central processing unit—have rapidly replaced the use of typewriters and other office machines.

The display screen is the output device that shows what the computer is processing. Display screens can be monochrome (green, white, or orange on a black background), or full color.

The keyboard is the input device that allows the user to send information to the "brains" of the computer. Keyboards are commonly used for data entry and inquiry. The keyboard is similar to a standard typewriter keyboard but with additional special keys and functions.

The central processing unit is referred to as the "brains" of the computer. It is the center of operation for all the computer processing and performs calculations and organizes the flow of information into and out of the system.

The VDT operates at high voltages, but the power supplies generating these voltages produce very little current. All data processing equipment, including VDTs, must meet stringent international safety standards in this regard.



In the wake of the expanding use of VDTs, concerns have been expressed about their potential health effects. Complaints include excessive fatigue, eye strain and irritation, blurred vision, headaches, stress, and neck, back, arm, and muscle pain. Research has shown that these symptoms can result from problems with the equipment, work stations, office environment or job design, or from a combination of these. Concerns about potential exposure to electromagnetic fields also have been raised.

#### **Visual Problems**

Visual problems such as eyestrain and irritation are among the most frequently reported complaints by VDT operators. These visual symptoms can result from improper lighting, glare from the screen, poor positioning to the screen itself, or copy material that is difficult to read. These problems usually can be corrected by adjusting the physical and environmental setting where the VDT users work. For example, work stations and lighting can and should be arranged to avoid direct and reflected glare anywhere in the field of sight, from the display screen, or surrounding surfaces. Many VDT jobs require long sessions in front of a display screen. Consequently, some people may need corrective lens to avoid eye strain and headaches. Vision examinations should, therefore, be conducted to ensure early detection and correction of poor vision. Eyecare specialists should be informed of computer use by VDT operators.

VDT operators also can reduce eyestrain by taking rest breaks, after each hour or so of operating a VDT.\*

<sup>\*</sup>The National Institute for Occupational Safety and Health (NIOSH) recommends a 10-minute rest break after 2 hours of continuous VDT work for operators under moderate visual demands; and a 15-minute rest break after 1 hour of continuous VDT work where there is a high visual demand or repetitive work task.

Changing focus is another way to give eye muscles a chance to relax. The employee needs only to glance across the room or out the window from time to time and look at an object at least 20 feet (6.096 centimeters) away.

## **Fatigue and Musculoskeletal Problems**

Work performed at VDTs may require sitting still for considerable time and usually involves small frequent movements of the eyes, head, arms, and fingers. Retaining a fixed posture over long periods of time causes muscle fatigue and, if this practice is consistent, can eventually lead to muscle pain and injury.

VDT operators also are subject to a potential risk of developing various musculoskeletal disorders such as carpal tunnel syndrome, and tendonitis. Musculoskeletal disorders are injuries to the muscles, joints, tendons, or nerves that are caused or made worse by work related risk factors. Early symptoms of musculoskeletal disorders include pain and swelling, numbness and tingling (hands falling asleep), loss of strength, and reduced range of motion.

If workers have any of these symptoms, they should report them to their employers as soon as possible. If these symptoms are not treated early, they can result in loss of strength in affected area, chronic pain, or permanent disability.

#### Radiation

Another issue of concern for the VDT operator is whether the emissions from radiation, such as X-ray or electromagnetic fields in the radiofrequency and extreme low frequency ranges, pose a health risk. Some workers, including pregnant women, are concerned that their health could be affected by electromagnetic fields emitted from VDTs. The threat from X-ray exposures is largely discounted because of the very low emission levels. The radio frequency and extreme low-frequency electromagnetic fields are still at issue despite the low emission levels. To date, however, there is no conclusive evidence that the low levels of radiation emitted from VDTs pose a health risk to VDT operators. Some workplace designs, however, have incorporated changes—such as increasing the distance between the operator and the terminal and between work stations—to reduce potential exposures to electromagnetic fields.

Because the possible effects of radiation from VDTs continue to concern operators, the issue is still being researched and studied. NIOSH has a resource booklet entitled, NIOSH Publications on Video Display Terminals and continues to study the question of VDT operator risk from exposure to electromagnetic fields.

# Interventions

There are a variety of interventions that employers can implement to reduce or prevent harmful effects associated with VDT use.

## Lighting

Light should be directed so that it does not shine into the operator's eyes when the operator is looking at the display screen. Futher, lighting should be adequate for the operator to see the text and the screen, but not so bright as to cause glare or discomfort (see Figure 1).

There are four basic lighting factors that must be controlled to provide suitable office illumination and avoid eyestrain: quantity, contrast, and direct and reflected glare.

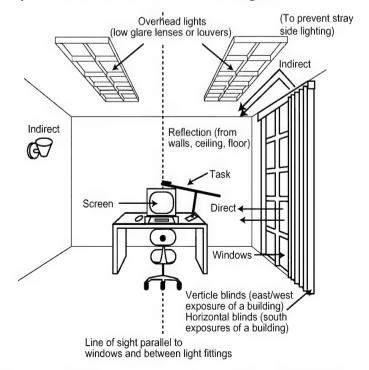


Figure 1. Position of light source relative to the VDT.

*Quantity*. In most offices, light fixtures and daylight provide illumination for work surfaces (e.g., 50-100 foot-candles). High illumination "washes out" images on the display screen; therefore, if possible, where VDTs are used, illumination levels should be somewhat lower (i.e., 28-50 foot-candles are often satisfactory).

*Contrast*. Contrast is the difference in luminance or brightness between two areas. To prevent the visual load caused by alternate light and dark areas, the difference in illuminance between the VDT display screen, horizontal work surface, and surrounding areas should be minimized.

Most of the tasks associated with VDTs do not require precise visual acuity, and diffuse (indirect) lighting is appropriate. The advantages of diffuse lighting are twofold: There tend to be fewer hot spots, or glare sources, in the visual field; and the contrasts created by the shape of objects tend to be "softer." The result, in terms of luminous intensities, is a more uniform visual field. Where indirect lighting is not used, parabolic louvers on overhead lights are probably the next best way to ensure that light is diffused.

Glare. Glare is usually defined as a harsh, uncomfortably bright, light. Glare is dependent upon the intensity, size, angle of incidence, luminance, and proximity of the source to the line of sight. Glare may be the result of direct light sources in the visual field (e.g., windows), or reflected light from polished surfaces (e.g., keyboards) or from more diffuse reflections which may reduce contrast (e.g., improper task lighting). Glare may cause annoyance, discomfort, or loss in visual performance and visibility.

To limit reflection from walls and work surfaces visible around the screen, these areas should be painted a medium color and have a nonreflective finish. Work stations and lighting should be arranged to avoid reflected glare on the display screen or surrounding surfaces. In many cases, the reorientation of work stations may help remove sources of glare out of the line of sight. The face of the display screen should be at right angles to windows and light sources. Care should be taken, particularly when terminals are installed within 20 feet (6.096 meters) of windows, to ensure that there is some method of blocking the sun's light, such as blinds or curtains.

The proper "treatment" for window glare includes baffles, venetian blinds, draperies, shades, or filters.

Screen glare filters that attach directly to the surface of a VDT screen can help reduce glare. Two types of filters are available: natural density filters, which scatter and diffuse some of the light reflected off the glass display screen, and micromesh filters, which not only scatter the light but also absorb most of the light reflected from the surface of the screen by means of an imbedded interwoven grid of dyed nylon fibers. These should be used as a last resort since filters can reduce visibility and legibility of screen. Filters should be cleaned regularly.

# **Work Station Design**

Proper work station design will reduce visual and musculoskeletal discomfort associated with VDT use when the following work practices are observed:

- Ensure that the operator has a comfortable sitting position sufficiently flexible to reach, use, and observe the display screen, keyboard, and document.
- Provide posture support for the back, arms, legs, and feet as well as adjustable display screens and keyboards.
- Ensure that VDT tables or desks are vertically adjustable to allow for operator adjustment of the screen and keyboard.
- Ensure proper chair height and support to the lower region of the back.

• Ensure that document holders are used to allow the operator to position and view material without straining the eyes or neck, shoulder, and back muscles.

The type of task performed at the VDT may also influence the development of fatigue. In designing a work station, the type of tasks involved should be considered when determining the placement of the display screen and keyboard. For example, if the job requires the operator to look mainly at the source document than the display screen, the source document should be in front of the operator and the screen may be to the side. (See Figure 2.)

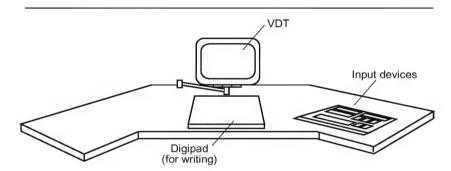
The employee must have adequate work space to perform each of the tasks required by the job. Individual body size must be considered and will influence the design of the work station and access to various accessories.

In general, VDT work stations should provide as many adjustable features as possible. Also, adequate legroom should be provided for the employee to stretch out and relieve some of the static load that results from sitting with the legs in a fixed position for long periods.

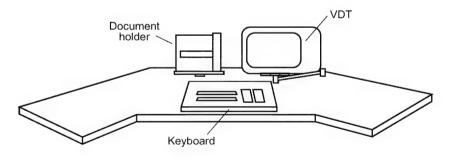
In the office environment, the work station consists primarily of a work surface, a chair, VDT equipment, and other related accessories (see Figure 3).

Chairs. The chair can be a crucial factor in preventing back pain as well as in improving employee performance in office work. As the majority of office workers spend most of their time sitting, a properly designed and adjustable chair for comfort, efficiency, and for the task being performed is critical. All adjustments should easily be made from the seated position. Specific chair criteria are discussed in the following paragraphs.

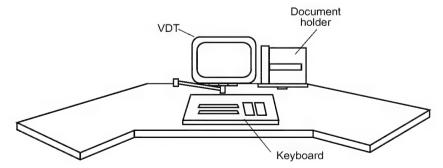
*Chair Height*. When an employee spends from 6 to 8 hours in the chair, the height of the chair and the work surface are



Data retrieval



Data entry

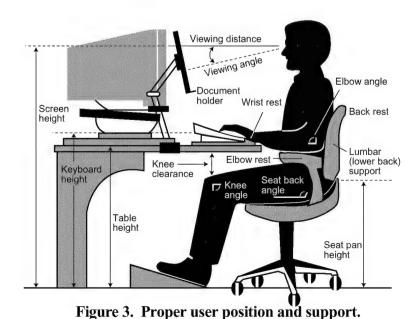


Interactive and word processing

Figure 2. Alternative VDT arrangements (depending on job task).

critical. The human body dimension that provides a starting point for determining correct chair height is the "popliteal" height. This is the height from the floor to the point at the crease behind the knee. The chair height is correct when the entire sole of the foot can rest on the floor or footrest and the back of the knee is slightly higher than the seat of the chair. This allows the blood to circulate freely in the legs and feet.

**Seatpan Design**. Size and shape are two factors to consider in the design of the seatpan of the chair. The seatpan should be slightly concave with a softly padded, rounded, or "waterfall" edge. This will help distribute the weight and may also prevent sliding forward in the chair. The angle of the seatpan should also be considered. Some options include a seatpan that slopes slightly down at the back or one that has a forward tilt that produces less stress on the lower region.



*Armrests.* Armrests should be low and short enough to fit under work surfaces to allow users to get close enough to the work surface. Chairs can be purchased with adjustable armrests.

*Backrest*. A proper backrest should support the entire back including the lower region. The seat and backrest of the chair should support a comfortable posture that permits frequent variations in the sitting position. The backrest angle and chair height should be easily adjustable.

# **VDT Design**

*Display Screen*. Most new VDTs have separate, adjustable keyboards and display screens that allow both the keyboard and display screen to be positioned appropriately for the employee. This is important because VDT operators may spend a considerable amount of time looking at the display. Screens should have user controls for character brightness. Screens that swivel horizontally and tilt or elevate vertically enable the operator to select the optimum viewing angle.

The topmost line of the screen should not be higher than the user's eyes. The screen and document holder should be the same distance from the eye (to avoid constant changes in focus) and close enough together so the operator can look from one to the other without excessive movement of the neck or back. People who wear bifocals often have to tilt their head back to read through the bottom portion of their lenses. They should avoid tilting their head back by lowering the display or using single-lens glasses while using the VDT.

The preferred viewing distance for VDTs ranges between 18 and 24 inches (45.72 and 60.96 centimeters, respectively). To this distance must be added the depth of the display itself. Some displays are as much as 20 inches deep (50.80 centimeters). The best way to deal with this, other than increasing table depth, is to install a keyboard extender or tray underneath the desk.

Legibility is also a primary consideration in selecting a display screen. Legibility factors to be considered include symbol size and design, contrast, and sharpness.

*Keyboard.* The keyboard should be detachable and adjustable to ensure proper position, angle, and comfort for the operator. A lower-than-normal work surface may be required to keep the operator's arms in a comfortable position. This can be achieved by installing a keyboard extender or tray. The thickness and the slope of the keyboard are critical in determining the preferred height.

The preferred working position for most keyboard operators is with the forearms parallel to the floor and elbows at the sides, which allows the hands to move easily over the keyboard. The wrist should be in line with the forearm. A padded and detachable wrist rest for the keyboard can help keep the operator's wrists and hands in a straight position while keying.

*Mouse*. The mouse should be positioned at the operator's side with his or her arm close to the body for support, while maintaining a straight line between the hand and forearm. The upper arm should not be elevated or extended while using the mouse. The top surface of the wrist should also be flat, not angled. A mouse pad or rest can be used to help maintain straight wrists.

# **Work Practices Job Organization**

Operating a VDT, like any form of sustained physical or mental work, may lead to visual, muscular, or mental fatigue. Rest pauses, as recommended by NIOSH to alleviate or delay the onset of fatigue, are necessary. Jobs should be designed so that the employees can vary VDT tasks with non-VDT tasks. In addition, open and positive working relationships between the worker and manager as well as involving employeees in workplace decisions and practices can be factors in reducing muscle tension and musculoskeletal disorders.

## **Safety and Health Program Management Guidelines**

Effective management of worker safety and health protection is a decisive factor in reducing the extent and severity of workrelated injuries and illnesses and their related costs. To assist employers and employees in developing effective safety and health programs, OSHA published recommended Safety and Health Program Management Guidelines (Federal Register 54 (18): 3908-3916, January 26, 1989). These voluntary guidelines apply to all places of employment covered by OSHA.

The guidelines identify four general elements that are critical to the development of a successful safety and health management program:

- management commitment and employee involvement,
- worksite analysis,
- hazard prevention and control, and
- safety and health training.

The guidelines recommend specific actions under each of these general elements to achieve an effective safety and health program. A single free copy of the guidelines can be obtained from the U.S. Department of Labor, OSHA Publications, P.O. Box 37535, Washington, DC 20013-7535, by sending a selfaddressed mail label with your request.

### **State Programs**

The Occupational Safety and Health Act of 1970 encourages states to develop and operate their own job safety and health plans. States with plans approved under section 18(b) of the Act must adopt standards and enforce requirements that are at least as effective as federal requirements. There are currently 25 state plan states: 23 of these states administer plans covering both private and public (state and local government) employees; the other 2 states, Connecticut and New York, cover public employees only. Plan states must adopt standards comparable to federal requirements within 6 months of a federal standard's promulgation. Until such time as a state standard is promulgated, federal OSHA provides interim enforcement assistance, as appropriate, in these states. A listing of approved state plans appears at the end of this publication.

#### **Consultation Services**

Consultation assistance is available on request to employers who want help in establishing and maintaining a safe and healthful workplace. Largely funded by OSHA, the service is provided at no cost to the employer. Primarily developed for smaller employers with more hazardous operations, the consultation service is delivered by state government agencies or universities employing professional safety consultants and health consultants. Comprehensive assistance includes an appraisal of all mechanical, physical work practices and environmental hazards of the workplace and all aspects of the employer's present job safety and health program.

The program is separate from OSHA's inspection efforts. No penalties are proposed or citations issued for any safety or health problems identified by the consultant. The service is confidential.

For more information concerning consultation assistance, see the list of consultation projects at the end of this publication.

## **Voluntary Protection Programs (VPPs)**

Voluntary Protection Programs (VPPs) and onsite consultation services, when coupled with an effective enforcement program, expand worker protection to help meet the goals of the OSH Act. The three VPPs—Star, Merit, and Demonstration—are designed to recognize outstanding achievement by companies that have successfully incorporated comprehensive safety and health programs into their total management system. They motivate others to achieve excellent safety and health results in the same outstanding way as they establish a cooperative relationship among employers, employees, and OSHA.

For additional information on VPPs and how to apply, contact the OSHA area or regional offices listed at the end of this publication.

# **Training and Education**

OSHA's area offices offer a variety of informational services, such as publications, audiovisual aids, technical advice, and speakers for special engagements. OSHA's Training Institute in Des Plaines, IL, provides basic and advanced courses in safety and health for federal and state compliance officers, state consultants, federal agency personnel, and private sector employers, employees, and their representatives.

OSHA also provides funds to nonprofit organizations, through grants, to conduct workplace training and education in subjects where OSHA believes there is a lack of workplace training. Grants are awarded annually and grant recipients are expected to contribute 20 percent of the total grant cost.

For more information on grants, training and education, contact the OSHA Training Institute, Office of Training and Education, 1555 Times Drive, Des Plaines, IL 60018, (847) 297-4810; (847) 297-4874 fax.

For further information on any OSHA program, contact your nearest OSHA area or regional office listed at the end of this publication.

### **Electronic Information**

*Internet*—OSHA standards, interpretations, directives, and additional information are now on the World Wide Web at http://www.osha.gov.

*CD-ROM*—A wide variety of OSHA materials including standards, interpretations, directives, and more can be purchased on CD-ROM from the Government Printing Office. To order, write to Superintendent of Documents, P.O. Box 371954, Pittsburgh, PA 15250-7954. Specify OSHA Regulations, Documents and Technical Information on CD-ROM, (ORDT), S/N 729-1300000-5. The price is \$38 per year (\$47.50 foreign); \$15 per single copy (\$18.75 foreign).

# **Emergencies**

To report life-threatening situations, fatalities, or catastrophes, call (800) 321-OSHA. Complaints will go immediately to the nearest OSHA area or state office for help.

For further information on any OSHA program, contact your nearest OSHA area or regional office listed at the end of this publication.

For further information on VDTs, please consult the following sources:

Occupational Safety and Health Administration (OSHA) U.S. Department of Labor Technical Data Center, Room N2439 200 Constitution Avenue, N.W.

Washington, D.C. 20210

U.S. Department of Health and Human Services Public Health Service Center for Disease Control National Institute for Occupational Safety and Health (NIOSH) Robert A. Taft Laboratories 4676 Columbia Parkway Cincinnati, OH 45226-1998

# 18 Appendix

# **Video Display Terminal (VDT) Checklist**

Can the work station be adjusted to ensure proper posture by	Yes	No
<ul> <li>adjusting knee and hip angles to achieve comfort and variability,</li> </ul>		
• supporting heels and toes on the floor or on a footrest,		
<ul> <li>placing arms comfortably at the side and hands parallel to the floor, and</li> <li>supporting wrist (nearly straight) on a padded</li> </ul>		
surface?		
Does the work area		
<ul> <li>provide enough clearance for the feet, knees, and legs relative to the edge of the work surface;</li> <li>provide sufficient space for the thighs</li> </ul>		
<ul> <li>between the work surface and the seat;</li> <li>include arm rests for intensive or long duration keying jobs; and</li> </ul>		
• include headsets for use when frequent tele- phone work is combined with hand tasks such as typing, using a calculator, or writing?		
<ul> <li>Does the chair</li> <li>adjust easily from the seated position,</li> <li>have a padded seat pan,</li> <li>have a seat that is approximately 18 inches</li> </ul>		
wide (45.72 centimeters), • have a back rest that provides lumbar support		
that can be used while working,  • have a stable base with casters that are suited		
to the type of flooring,	decentary.	

	Yes	No
<ul> <li>have different seat pan lengths (15 to 17 inche or 38.10 and 43.18 centimeters) with a waterfall design available, and</li> <li>allow the seat pan to adjust for both height (minimum of 4 1/2 inches or 10.16-1.27</li> </ul>	s	
centimeters) and angle (plus or minus 5 degrees)?		
Is the keyboard		
<ul> <li>height from the floor and the slope of the keyboard surface adjustable,</li> </ul>		
<ul><li>prevented from slipping when in use, and</li><li>detachable?</li></ul>		
Are other inputs/devices (mouse, pointer, calculator)		
<ul><li>at keyboard height?</li></ul>		
Is the display screen		
<ul> <li>clean and free from flickering, and</li> </ul>		
<ul> <li>able to swivel horizontally and tilt or elevate vertically?</li> </ul>		
Is the monitor situated so that		
<ul> <li>the work can be performed with the head in a neutral posture for most of the workshift,</li> <li>it is between 18 and 30 inches (45.72 and</li> </ul>		
76.20 centimeters, respectively) away from the operator,		
<ul> <li>the top line of text is at or slightly below eye height, and</li> </ul>		

	Yes	No
• there is sufficient lighting without glare on the screen from lights, windows, or surfaces?		
Does the monitor		
• have brightness and contrast controls?		
Is the job organized so that		
<ul> <li>workers can change postures frequently,</li> </ul>		
<ul> <li>workers can perform different job tasks to reduce intensive keying,</li> </ul>		
• workers can leave their workstations for at least 10 minutes after each hour of intensive		
keying and for at least 15 minutes after every 2 hours of intermittent keying, and		
• the workers have received training in ergonom		
ics and know how to make adjustments to their work stations, chairs, and other accessories?	r	

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# 22 **OSHA Related Publications**

A single free copy of the following materials may be obtained from the OSHA Publications Office, U. S. Department of Labor, 200 Constitution Avenue, N.W., Room N3101, Washington, DC 20210, (202) 219-4667; (202) 219-9266 (fax), or from the nearest OSHA regional or area offices listed at the end of this booklet. Please send a self-addressed label with your written request.

All About OSHA - OSHA 2056

Consultation Services for the Employer – OSHA 3047

Employee Workplace Rights - OSHA 3021

Ergonomics Program Management Guidelines for Meatpacking Plants – OSHA 3123

How to Prepare for Workplace Emergencies – OSHA 3088

OSHA Publications and Audiovisual Programs – OSHA 2019

Personal Protective Equipment – OSHA 3077

The following publications are available from the U.S. Government Printing Office, Superintendent of Documents, Washington, DC 20402, (202) 512-1800. Include GPO Order No. and make checks payable to Superintendent of Documents.

Ergonomics: The Study of Work

Order No. 029-016-00124-7. Cost: \$1.00

Job Safety & Health Quarterly

Order No. JSH. Cost: \$9.50/year (Foreign \$11.90)

# **States with Approved Plans**

Albany, NY (518) 457-2741
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Honolulu, HI (808) 586-8844
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St. Paul, MN(612) 296-2342
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Hawaii	
Idaho	(208) 385-3283
Illinois	(312) 814-2337
Indiana	(317) 232-2688
Iowa	
Kansas	(913) 296-7476
Kentucky	
Louisiana	
Maine	(207) 624-6460
Maryland	
Massachusetts	
Michigan	517) 332-8250(H)
(	517) 322-1809(S)
Minnesota	(612) 297-2393
Mississippi	(601) 987-3981
Missouri	(573) 751-3403
Montana	(406) 444-6418
Nebraska	(402) 471-4717
Nevada	(702) 486-5016
New Hampshire	(603) 271-2024
New Jersey	(609) 292-2424
New Mexico	(505) 827-4230
New York	(518) 457-2481
North Carolina	
North Dakota	
Ohio	
Oklahoma	
Oregon	
Pennsylvania	(412) 257 2561

Puerto Rico	(809) 754-2188
Rhode Island	(401) 277-2438
South Carolina	
South Dakota	(605) 688-4101
Tennessee	(615) 741-7036
Texas	(512) 440-3834
Utah	(801) 530-6868
Vermont	(802) 828-2765
Virginia	(804) 786-6359
Virgin Islands	(809) 772-1315
Washington	
West Virginia	(304) 558-7890
Wisconsin	
	(414) 521-5063(S)
Wyoming	
	` /

- (H) Health (S) Safety

# 26 **OSHA Area Offices**

Area	Telephone
Albany, NY	. (518) 464-4338
Albuquerque, NM	
Allentown, PA	(610) 776-0592
Anchorage, AK	(907) 271-5152
Appleton, WI	(414) 734-4521
Austin, TX	(512) 916-5783
Avenel, NJ	(908) 750-3270
Baltimore, MD	(410) 962-2840
Bangor, ME	(207) 941-8177
Baton Rouge, LA	(504) 389-0474
Bayside, NY	(718) 279-9060
Bellevue, WA	. (206) 553-7520
Billings, MT	(406) 247-7494
Birmingham, AL	(205) 731-1534
Bismarck, ND	(701) 250-4521
Boise, ID	(208) 334-1867
Bowmansville, NY	(716) 684-3891
Braintree, MA	(617) 565-6924
Bridgeport, CT	(203) 579-5581
Calumet City, IL	(708) 891-3800
Carson City, NV	(702) 885-6963
Charleston, WV	(304) 347-5937
Cincinnati, OH	(513) 841-4132
Cleveland, OH	. (216) 522-3818
Columbia, SC	. (803) 765-5904
Columbus, OH	. (614) 469-5582
Concord, NH	. (603) 225-1629
Corpus Christi, TX	. (512) 888-3420
Dalfas, TX	. (214) 320-2400
Denver, CO	. (303) 844-5285
Des Plaines, IL	. (847) 803-4800
Des Moines, IA	. (515) 284-4794
Englewood, CO	. (303) 843-4500
Erie, PA	. (814) 833-5758
Fort Lauderdale, FL	. (954) 424-0242
Fort Worth, TX	. (817) 428-2470
Frankfort, KY	. (502) 227-7024
Harrisburg, PA	. (717) 782-3902
Hartford, CT	. (860) 240-3152
Hasbrouck Heights, NJ	. (201) 288-1700
Guaynabo, PR	. (787) 277-1560
Honolulu, HI	. (808) 541-2685
Houston, TX	. (281) 286-0583

Houston, TX Indianapolis, IN Indianapolis, IR Indianapoli		
Indianapolis, IN         (317) 226-7290           Jackson, MS         (601) 965-4606           Jacksonville, FL         (904) 232-2895           Kansas City, MO         (816) 483-9531           Lansing, MI         (517) 377-1892           Little Rock, AR         (501) 324-6291           Lubbock, TX         (806) 472-7681           Madisson, WI         (608) 264-5388           Marlton, NJ         (609) 757-5181           Methuen, MA         (617) 565-8110           Milwaukee, WI         (414) 297-3315           Minneapolis, MN         (612) 348-1994           Mobile, AL         (334) 441-6131           Nashville, TN         (615) 781-5423           New York, NY         (212) 466-2482           North Aurora, IL         (630) 896-8700           North Syracuse, NY         (315) 451-0808           Oklahoma City, OK         (405) 231-5351           Omaha, NE         (402) 221-3182           Parsippany, NJ         (201) 263-1003           Peoria, IL         (309) 671-7033           Phliadelphia, PA         (215) 597-4955           Phoenix, AZ         (602) 640-2007           Providence, RI         (401) 528-4669           Raleigh, NC         (919) 856-4770	Houston, TX	(281) 591-2438
Jackson, MS         (601) 965-4606           Jacksonville, FL         (904) 232-2895           Kansas City, MO         (816) 483-9531           Lansing, MI         (517) 377-1892           Little Rock, AR         (501) 324-6291           Lubbock, TX         (806) 472-7681           Madison, WI         (608) 264-5388           Marlton, NJ         (609) 757-5181           Methuen, MA         (617) 565-8110           Milwaukee, WI         (414) 297-3315           Minneapolis, MN         (612) 348-1994           Mobile, AL         (334) 441-6131           Nashville, TN         (615) 781-5423           New York, NY         (212) 466-2482           Norfolk, VA         (804) 441-3820           North Aurora, IL         (630) 896-8700           North Syracuse, NY         (315) 451-0808           Oklahoma City, OK         (405) 231-5351           Omaha, NE         (405) 221-3182           Parsippany, NJ         (201) 263-1003           Peoria, IL         (309) 671-7033           Philadelphia, PA         (215) 597-4955           Phoenix, AZ         (602) 640-2007           Pittsburgh, PA         (412) 644-2903           Portland, OR         (503) 326-2251 </td <td></td> <td></td>		
Jacksonville, FL Kansas City, MO (816) 483-9531 Lansing, MI Little Rock, AR (501) 324-6291 Lubbock, TX (806) 472-7681 Madison, WI (608) 264-5388 Marlton, NJ Methuen, MA (617) 565-8110 Milwaukee, WI (414) 297-3315 Minneapolis, MN (612) 348-1994 Mobile, AL (334) 441-6131 Nashville, TN (615) 781-5423 New York, NY (212) 466-2482 Norfolk, VA (804) 441-3820 North Aurora, IL (630) 896-8700 North Syracuse, NY (315) 451-0808 Oklahoma City, OK (405) 231-5351 Omaha, NE (402) 221-3182 Parsippany, NJ (201) 263-1003 Peoria, IL (309) 671-7033 Phoenia, AZ (602) 640-2007 Pittsburgh, PA (412) 644-2903 Portland, OR (503) 326-2251 Providence, RI (401) 288-4669 Providence, RI (401) 288-4669 Sacramento, CA (916) 566-7470 Sacramento, CA (919) 856-4770 Sacramento, CA (919) 856-4770 Sacramento, CA (919) 856-4770 Sacramento, CA (919) 856-4770 Saramento, CA (919) 856-4770 Sacramento, CA (919) 856-470 Sacramento, CA (919) 856-470 Sacramento, CA (919) 856-67470 Sacramento,	Jackson, MS	(601) 965-4606
Kansas City, MO. (816) 483-9531 Lansing, MI (517) 377-1892 Little Rock, AR (501) 324-6291 Lubbock, TX (806) 472-7681 Madison, WI (608) 264-5388 Marlton, NJ (609) 757-5181 Methuen, MA (617) 565-8110 Milwaukee, WI (414) 297-3315 Minneapolis, MN (612) 348-1994 Mobile, AL (334) 441-6131 Nashville, TN (615) 781-5423 New York, NY (212) 466-2482 Norfolk, VA (804) 441-3820 North Aurora, IL (630) 896-8700 North Syracuse, NY (315) 451-0808 Oklahoma City, OK (405) 231-5351 Omaha, NE (402) 221-3182 Parsippany, NJ (201) 263-1003 Peoria, IL (309) 671-7033 Philadelphia, PA (215) 597-4955 Phoenix, AZ (602) 640-2007 Pittsburgh, PA (412) 644-2903 Portland, OR (503) 326-2251 Providence, RI (401) 528-4669 Raleigh, NC (919) 856-4770 Sacramento, CA (916) 566-7470 Salt Lake City, UT (801) 487-0073 San Diego, CA (619) 557-2909 Savannah, GA (770) 984-8700 Springfield, MA (413) 785-0123 St. Louis, MO (314) 425-4249 Tarrytown, NY (914) 524-7510 Toledo, OH (419) 259-7542 Tucker, GA (770) 493-6644 Westbury, NY (516) 334-3344 Wichita, KS (316) 269-6644 Wilkes-Barre, PA (717) 826-6538	Jacksonville, FL	(904) 232-2895
Lansing, MI (517) 377-1892 Little Rock, AR (501) 324-6291 Lubbock, TX (806) 472-7681 Madison, WI (608) 264-5388 Marlton, NJ (609) 757-5181 Methuen, MA (617) 565-8110 Milwaukee, WI (414) 297-3315 Minneapolis, MN (612) 348-1994 Mobile, AL (334) 441-6131 Nashville, TN (615) 781-5423 New York, NY (212) 466-2482 Norfolk, VA (804) 441-3820 North Aurora, IL (630) 896-8700 North Syracuse, NY (315) 451-0808 Oklahoma City, OK (405) 231-5351 Omaha, NE (402) 221-3182 Parsippany, NJ (201) 263-1003 Peoria, IL (309) 671-7033 Philadelphia, PA (215) 597-4955 Phoenix, AZ (602) 640-2007 Pittsburgh, PA (412) 644-2903 Portland, OR (503) 326-2251 Providence, RI (401) 528-4669 Raleigh, NC (919) 856-4770 Sacramento, CA (916) 566-7470 Salt Lake City, UT (801) 487-0073 San Diego, CA (916) 566-7470 Sarvannah, GA (912) 652-4393 Smyrna, GA (770) 984-8700 Springfield, MA (413) 785-0123 St. Louis, MO (314) 425-4249 Tarrytown, NY (914) 524-7510 Toledo, OH (419) 259-7542 Tucker, GA (770) 493-6644 Westbury, NY (516) 334-3344 Wichita, KS (316) 269-6644 Wilkes-Barre, PA (717) 826-6538	Kansas City, MO	(816) 483-9531
Little Rock, AR Lubbock, TX (806) 472-7681 Madison, WI (608) 264-5388 Marlton, NJ (609) 757-5181 Methuen, MA (617) 565-8110 Milwaukee, WI (414) 297-3315 Minneapolis, MN (612) 348-1994 Mobile, AL (334) 441-6131 Nashville, TN (615) 781-5423 New York, NY (212) 466-2482 Norfolk, VA (804) 441-3820 North Aurora, IL (630) 896-8700 North Syracuse, NY (315) 451-0808 Oklahoma City, OK (405) 231-5351 Omaha, NE (402) 221-3182 Parsippany, NJ (201) 263-1003 Peoria, IL (309) 671-7033 Philadelphia, PA (215) 597-4955 Phoenix, AZ (602) 640-2007 Pittsburgh, PA (412) 644-2903 Portland, OR (503) 326-2251 Providence, RI (401) 528-4669 Raleigh, NC (919) 856-4770 Sacramento, CA (916) 566-7470 Saramento, CA (916) 566-7470 Savannah, GA (770) 984-8700 Springfield, MA (413) 785-0123 Smyrna, GA (770) 984-8700 Springfield, MA (413) 785-0123 St. Louis, MO (314) 425-4249 Tampa, FL (813) 626-1177 Tarrytown, NY (914) 524-7510 Toledo, OH (419) 259-7542 Tucker, GA (770) 493-6644 Westbury, NY (516) 334-3344 Wichita, KS (316) 269-6644 Wilkes-Barre, PA (717) 826-6538	Lansing, MI	(517) 377-1892
Lubbock, TX Madison, WI (608) 264-5388 Marlton, NJ (609) 757-5181 Methuen, MA (617) 565-8110 Milwaukee, WI (414) 297-3315 Minneapolis, MN (612) 348-1994 Mobile, AL (334) 441-6131 Nashville, TN (615) 781-5423 New York, NY (212) 466-2482 Norfolk, VA (804) 441-3820 North Aurora, IL (630) 896-8700 North Syracuse, NY (315) 451-0808 Oklahoma City, OK (405) 231-5351 Omaha, NE (201) 263-1003 Peoria, IL (309) 671-7033 Philadelphia, PA (215) 597-4955 Phoenix, AZ (602) 640-2007 Pittsburgh, PA (412) 644-2903 Portland, OR (503) 326-2251 Providence, RI (401) 528-4669 Raleigh, NC (919) 856-4770 Sacramento, CA (916) 566-7470 Sacramento, CA (916) 566-7470 Savannah, GA (770) 984-8700 Springfield, MA (413) 785-0123 St. Louis, MO (314) 425-4249 Tarrytown, NY (914) 524-7510 Toledo, OH (419) 259-7542 Tucker, GA (770) 493-6644 Westbury, NY (516) 334-3344 Wichita, KS (316) 269-6644 Wilkes-Barre, PA (717) 826-6538	Little Rock, AR	(501) 324-6291
Marlton, NJ       (609) 757-5181         Methuen, MA       (617) 565-8110         Milwaukee, WI       (414) 297-3315         Minneapolis, MN       (612) 348-1994         Mobile, AL       (334) 441-6131         Nashville, TN       (615) 781-5423         New York, NY       (212) 466-2482         Norfolk, VA       (804) 441-3820         North Aurora, IL       (630) 896-8700         North Syracuse, NY       (315) 451-0808         Oklahoma City, OK       (405) 231-5351         Omaha, NE       (402) 221-3182         Parsippany, NJ       (201) 263-1003         Peoria, IL       (309) 671-7033         Phoenix, AZ       (602) 640-2007         Pittsburgh, PA       (215) 597-4955         Phoenix, AZ       (602) 640-2007         Pittsburgh, PA       (412) 644-2903         Portland, OR       (503) 326-2251         Providence, RI       (401) 528-4669         Raleigh, NC       (919) 856-4770         Salt Lake City, UT       (801) 487-0073         San Diego, CA       (619) 557-2909         Savannah, GA       (912) 652-4393         Smyrna, GA       (770) 984-8700         Springfield, MA       (413) 785-0123	Lubbock, TX	(806) 472-7681
Marlton, NJ       (609) 757-5181         Methuen, MA       (617) 565-8110         Milwaukee, WI       (414) 297-3315         Minneapolis, MN       (612) 348-1994         Mobile, AL       (334) 441-6131         Nashville, TN       (615) 781-5423         New York, NY       (212) 466-2482         Norfolk, VA       (804) 441-3820         North Aurora, IL       (630) 896-8700         North Syracuse, NY       (315) 451-0808         Oklahoma City, OK       (405) 231-5351         Omaha, NE       (402) 221-3182         Parsippany, NJ       (201) 263-1003         Peoria, IL       (309) 671-7033         Phoenix, AZ       (602) 640-2007         Pittsburgh, PA       (215) 597-4955         Phoenix, AZ       (602) 640-2007         Pittsburgh, PA       (412) 644-2903         Portland, OR       (503) 326-2251         Providence, RI       (401) 528-4669         Raleigh, NC       (919) 856-4770         Salt Lake City, UT       (801) 487-0073         San Diego, CA       (619) 557-2909         Savannah, GA       (912) 652-4393         Smyrna, GA       (770) 984-8700         Springfield, MA       (413) 785-0123	Madison, WI	(608) 264-5388
Methuen, MA       (617) 565-8110         Milwaukee, WI       (414) 297-3315         Minneapolis, MN       (612) 348-1994         Mobile, AL       (334) 441-6131         Nashville, TN       (615) 781-5423         New York, NY       (212) 466-2482         Norfolk, VA       (804) 441-3820         North Aurora, IL       (630) 896-8700         North Syracuse, NY       (315) 451-0808         Oklahoma City, OK       (405) 231-5351         Omaha, NE       (402) 221-3182         Parsippany, NJ       (201) 263-1003         Peoria, IL       (309) 671-7033         Philadelphia, PA       (215) 597-4955         Phoenix, AZ       (602) 640-2007         Pittsburgh, PA       (412) 644-2903         Portland, OR       (503) 326-2251         Providence, RI       (401) 528-4669         Raleigh, NC       (919) 856-4770         Sacramento, CA       (916) 566-7470         Salt Lake City, UT       (801) 487-0073         San Diego, CA       (619) 557-2909         Savannah, GA       (912) 652-4393         Smyrna, GA       (770) 984-8700         Springfield, MA       (413) 785-0123         St. Louis, MO       (314) 425-4249		
Milwaukee, WI       (414) 297-3315         Minneapolis, MN       (612) 348-1994         Mobile, AL       (334) 441-6131         Nashville, TN       (615) 781-5423         New York, NY       (212) 466-2482         Norfolk, VA       (804) 441-3820         North Aurora, IL       (630) 896-8700         North Syracuse, NY       (315) 451-0808         Oklahoma City, OK       (405) 231-5351         Omaha, NE       (402) 221-3182         Parsippany, NJ       (201) 263-1003         Peoria, IL       (309) 671-7033         Phloalelphia, PA       (215) 597-4955         Phoenix, AZ       (602) 640-2007         Pittsburgh, PA       (412) 644-2903         Portland, OR       (503) 326-2251         Providence, RI       (401) 528-4669         Raleigh, NC       (919) 856-4770         Sacramento, CA       (916) 566-7470         Sat Lake City, UT       (801) 487-0073         San Diego, CA       (619) 557-2909         Savannah, GA       (912) 652-4393         Smyrna, GA       (770) 984-8700         Springfield, MA       (413) 785-0123         St. Louis, MO       (314) 425-4249         Tampa, FL       (813) 626-1177      <	Methuen, MA	
Minneapolis, MN       (612) 348-1994         Mobile, AL       (334) 441-6131         Nashville, TN       (615) 781-5423         New York, NY       (212) 466-2482         Norfolk, VA       (804) 441-3820         North Aurora, IL       (630) 896-8700         North Syracuse, NY       (315) 451-0808         Oklahoma City, OK       (405) 231-5351         Omaha, NE       (402) 221-3182         Parsippany, NJ       (201) 263-1003         Peoria, IL       (309) 671-7033         Philadelphia, PA       (215) 597-4955         Phoenix, AZ       (602) 640-2007         Pittsburgh, PA       (412) 644-2903         Portland, OR       (503) 326-2251         Providence, RI       (401) 528-4669         Raleigh, NC       (919) 856-4770         Sacramento, CA       (916) 566-7470         Salt Lake City, UT       (801) 487-0073         San Diego, CA       (619) 557-2909         Savannah, GA       (912) 652-4393         Smyrna, GA       (770) 984-8700         Springfield, MA       (413) 785-0123         St. Louis, MO       (314) 425-4249         Tampa, FL       (813) 626-1177         Tarrytown, NY       (914) 524-7510	Milwaukee, WI	(414) 297-3315
Mobile, AL       (334) 441-6131         Nashville, TN       (615) 781-5423         New York, NY       (212) 466-2482         Norfolk, VA       (804) 441-3820         North Aurora, IL       (630) 896-8700         North Syracuse, NY       (315) 451-0808         Oklahoma City, OK       (405) 231-5351         Omaha, NE       (402) 221-3182         Parsippany, NJ       (201) 263-1003         Peoria, IL       (309) 671-7033         Philadelphia, PA       (215) 597-4955         Phoenix, AZ       (602) 640-2007         Pittsburgh, PA       (412) 644-2903         Portland, OR       (503) 326-2251         Providence, RI       (401) 528-4669         Raleigh, NC       (919) 856-4770         Sacramento, CA       (916) 566-7470         Salt Lake City, UT       (801) 487-0073         San Diego, CA       (619) 557-2909         Savannah, GA       (912) 652-4393         Smyrna, GA       (770) 984-8700         Springfield, MA       (413) 785-0123         St. Louis, MO       (314) 425-4249         Tampa, FL       (813) 626-1177         Tarrytown, NY       (914) 524-7510         Toledo, OH       (419) 259-7542	Minneapolis, MN	(612) 348-1994
Nashville, TN.       (615) 781-5423         New York, NY       (212) 466-2482         Norfolk, VA       (804) 441-3820         North Aurora, IL       (630) 896-8700         North Syracuse, NY       (315) 451-0808         Oklahoma City, OK       (405) 231-5351         Omaha, NE       (402) 221-3182         Parsippany, NJ       (201) 263-1003         Peoria, IL       (309) 671-7033         Philadelphia, PA       (215) 597-4955         Phoenix, AZ       (602) 640-2007         Pittsburgh, PA       (412) 644-2903         Portland, OR       (503) 326-2251         Providence, RI       (401) 528-4669         Raleigh, NC       (919) 856-4770         Sacramento, CA       (916) 566-7470         Salt Lake City, UT       (801) 487-0073         San Diego, CA       (619) 557-2909         Savannah, GA       (912) 652-4393         Smyrna, GA       (770) 984-8700         Springfield, MA       (413) 785-0123         St. Louis, MO       (314) 425-4249         Tampa, FL       (813) 626-1177         Tarrytown, NY       (914) 524-7510         Toledo, OH       (419) 259-7542         Tucker, GA       (770) 493-6644	Mobile. AL	(334) 441-6131
New York, NY       (212) 466-2482         Norfolk, VA       (804) 441-3820         North Aurora, IL       (630) 896-8700         North Syracuse, NY       (315) 451-0808         Oklahoma City, OK       (405) 231-5351         Omaha, NE       (402) 221-3182         Parsippany, NJ       (201) 263-1003         Peoria, IL       (309) 671-7033         Philadelphia, PA       (215) 597-4955         Phoenix, AZ       (602) 640-2007         Pittsburgh, PA       (412) 644-2903         Portland, OR       (503) 326-2251         Providence, RI       (401) 528-4669         Raleigh, NC       (919) 856-4770         Sacramento, CA       (916) 566-7470         Salt Lake City, UT       (801) 487-0073         San Diego, CA       (619) 557-2909         Savannah, GA       (912) 652-4393         Smyrna, GA       (770) 984-8700         Springfield, MA       (413) 785-0123         St. Louis, MO       (314) 425-4249         Tampa, FL       (813) 626-117         Tarrytown, NY       (914) 524-7510         Toledo, OH       (419) 259-7542         Tucker, GA       (770) 493-6644         Westbury, NY       (516) 334-3344	Nashville. TN	(615) 781-5423
Norfolk, VA (804) 441-3820 North Aurora, IL (630) 896-8700 North Syracuse, NY (315) 451-0808 Oklahoma City, OK (405) 231-5351 Omaha, NE (402) 221-3182 Parsippany, NJ (201) 263-1003 Peoria, IL (309) 671-7033 Philadelphia, PA (215) 597-4955 Phoenix, AZ (602) 640-2007 Pittsburgh, PA (412) 644-2903 Portland, OR (503) 326-2251 Providence, RI (401) 528-4669 Raleigh, NC (919) 856-4770 Sacramento, CA (916) 566-7470 Salt Lake City, UT (801) 487-0073 San Diego, CA (619) 557-2909 Savannah, GA (912) 652-4393 Smyrna, GA (770) 984-8700 Springfield, MA (413) 785-0123 St. Louis, MO (314) 425-4249 Tampa, FL (813) 626-1177 Tarrytown, NY (914) 524-7510 Toledo, OH (419) 259-7542 Tucker, GA (770) 493-6644 Westbury, NY (516) 334-3344 Wichita, KS (316) 269-6644 Wilkes-Barre, PA (717) 826-6538	New York, NY	(212) 466-2482
North Aurora, IL (630) 896-8700 North Syracuse, NY (315) 451-0808 Oklahoma City, OK (405) 231-5351 Omaha, NE (402) 221-3182 Parsippany, NJ (201) 263-1003 Peoria, IL (309) 671-7033 Philadelphia, PA (215) 597-4955 Phoenix, AZ (602) 640-2007 Pittsburgh, PA (412) 644-2903 Portland, OR (503) 326-2251 Providence, RI (401) 528-4669 Raleigh, NC (919) 856-4770 Sacramento, CA (916) 566-7470 Salt Lake City, UT (801) 487-0073 San Diego, CA (619) 577-2909 Savannah, GA (912) 652-4393 Smyrna, GA (770) 984-8700 Springfield, MA (413) 785-0123 St. Louis, MO (314) 425-4249 Tampa, FL (813) 626-1177 Tarrytown, NY (914) 524-7510 Toledo, OH (419) 259-7542 Tucker, GA (770) 493-6644 Westbury, NY (516) 334-3344 Wichita, KS (316) 269-6644 Wilkes-Barre, PA (717) 826-6538	Norfolk, VA	(804) 441-3820
North Syracuse, NY Oklahoma City, OK Oklahoma Ci		
Oklahoma City, OK       (405) 231-5351         Omaha, NE       (402) 221-3182         Parsippany, NJ       (201) 263-1003         Peoria, IL       (309) 671-7033         Philadelphia, PA       (215) 597-4955         Phoenix, AZ       (602) 640-2007         Pittsburgh, PA       (412) 644-2903         Portland, OR       (503) 326-2251         Providence, RI       (401) 528-4669         Raleigh, NC       (919) 856-4770         Sacramento, CA       (916) 566-7470         Salt Lake City, UT       (801) 487-0073         San Diego, CA       (619) 557-2909         Savannah, GA       (912) 652-4393         Smyrna, GA       (770) 984-8700         Springfield, MA       (413) 785-0123         St. Louis, MO       (314) 425-4249         Tampa, FL       (813) 626-1177         Tarrytown, NY       (914) 524-7510         Toledo, OH       (419) 259-7542         Tucker, GA       (770) 493-6644         Westbury, NY       (516) 334-3344         Wichita, KS       (316) 269-6644         Wilkes-Barre, PA       (717) 826-6538	North Syracuse NY	(315) 451-0808
Omaha, NE       (402) 221-3182         Parsippany, NJ       (201) 263-1003         Peoria, IL       (309) 671-7033         Philadelphia, PA       (215) 597-4955         Phoenix, AZ       (602) 640-2007         Pittsburgh, PA       (412) 644-2903         Portland, OR       (503) 326-2251         Providence, RI       (401) 528-4669         Raleigh, NC       (919) 856-4770         Sacramento, CA       (916) 566-7470         Salt Lake City, UT       (801) 487-0073         San Diego, CA       (619) 557-2909         Savannah, GA       (912) 652-4393         Smyrna, GA       (770) 984-8700         Springfield, MA       (413) 785-0123         St. Louis, MO       (314) 425-4249         Tampa, FL       (813) 626-1177         Tarrytown, NY       (914) 524-7510         Toledo, OH       (419) 259-7542         Tucker, GA       (770) 493-6644         Westbury, NY       (516) 334-3344         Wichita, KS       (316) 269-6644         Wilkes-Barre, PA       (717) 826-6538	Oklahoma City OK	(405) 231-5351
Parsippany, NJ       (201) 263-1003         Peoria, IL       (309) 671-7033         Philadelphia, PA       (215) 597-4955         Phoenix, AZ       (602) 640-2007         Pittsburgh, PA       (412) 644-2903         Portland, OR       (503) 326-2251         Providence, RI       (401) 528-4669         Raleigh, NC       (919) 856-4770         Sacramento, CA       (916) 566-7470         Salt Lake City, UT       (801) 487-0073         San Diego, CA       (619) 557-2909         Savannah, GA       (912) 652-4393         Smyrna, GA       (770) 984-8700         Springfield, MA       (413) 785-0123         St. Louis, MO       (314) 425-4249         Tampa, FL       (813) 626-1177         Tarrytown, NY       (914) 524-7510         Toledo, OH       (419) 259-7542         Tucker, GA       (770) 493-6644         Westbury, NY       (516) 334-3344         Wichita, KS       (316) 269-6644         Wilkes-Barre, PA       (717) 826-6538	Omaha NE	(402) 221-3182
Peoria, IL       (309) 671-7033         Philadelphia, PA       (215) 597-4955         Phoenix, AZ       (602) 640-2007         Pittsburgh, PA       (412) 644-2903         Portland, OR       (503) 326-2251         Providence, RI       (401) 528-4669         Raleigh, NC       (919) 856-4770         Sacramento, CA       (916) 566-7470         Salt Lake City, UT       (801) 487-0073         San Diego, CA       (619) 557-2909         Savannah, GA       (912) 652-4393         Smyrna, GA       (770) 984-8700         Springfield, MA       (413) 785-0123         St. Louis, MO       (314) 425-4249         Tampa, FL       (813) 626-1177         Tarrytown, NY       (914) 524-7510         Toledo, OH       (419) 259-7542         Tucker, GA       (770) 493-6644         Westbury, NY       (516) 334-3344         Wichita, KS       (316) 269-6644         Wilkes-Barre, PA       (717) 826-6538	Parsinnany NI	(201) 263-1003
Philadelphia, PA       (215) 597-4955         Phoenix, AZ       (602) 640-2007         Pittsburgh, PA       (412) 644-2903         Portland, OR       (503) 326-2251         Providence, RI       (401) 528-4669         Raleigh, NC       (919) 856-4770         Sacramento, CA       (916) 566-7470         Salt Lake City, UT       (801) 487-0073         San Diego, CA       (619) 557-2909         Savannah, GA       (912) 652-4393         Smyrna, GA       (770) 984-8700         Springfield, MA       (413) 785-0123         St. Louis, MO       (314) 425-4249         Tampa, FL       (813) 626-1177         Tarrytown, NY       (914) 524-7510         Toledo, OH       (419) 259-7542         Tucker, GA       (770) 493-6644         Westbury, NY       (516) 334-3344         Wichita, KS       (316) 269-6644         Wilkes-Barre, PA       (717) 826-6538	Peoria II	(309) 671-7033
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Pittsburgh, PA       (412) 644-2903         Portland, OR       (503) 326-2251         Providence, RI       (401) 528-4669         Raleigh, NC       (919) 856-4770         Sacramento, CA       (916) 566-7470         Salt Lake City, UT       (801) 487-0073         San Diego, CA       (619) 557-2909         Savannah, GA       (912) 652-4393         Smyrna, GA       (770) 984-8700         Springfield, MA       (413) 785-0123         St. Louis, MO       (314) 425-4249         Tampa, FL       (813) 626-1177         Tarrytown, NY       (914) 524-7510         Toledo, OH       (419) 259-7542         Tucker, GA       (770) 493-6644         Westbury, NY       (516) 334-3344         Wichita, KS       (316) 269-6644         Wilkes-Barre, PA       (717) 826-6538	Phoenix A7	(602) 640-2007
Portland, OR       (503) 326-2251         Providence, RI       (401) 528-4669         Raleigh, NC       (919) 856-4770         Sacramento, CA       (916) 566-7470         Salt Lake City, UT       (801) 487-0073         San Diego, CA       (619) 557-2909         Savannah, GA       (912) 652-4393         Smyrna, GA       (770) 984-8700         Springfield, MA       (413) 785-0123         St. Louis, MO       (314) 425-4249         Tampa, FL       (813) 626-1177         Tarrytown, NY       (914) 524-7510         Toledo, OH       (419) 259-7542         Tucker, GA       (770) 493-6644         Westbury, NY       (516) 334-3344         Wichita, KS       (316) 269-6644         Wilkes-Barre, PA       (717) 826-6538	Pittsburgh PA	(412) 644-2903
Providence, RI       (401) 528-4669         Raleigh, NC       (919) 856-4770         Sacramento, CA       (916) 566-7470         Salt Lake City, UT       (801) 487-0073         San Diego, CA       (619) 557-2909         Savannah, GA       (912) 652-4393         Smyrna, GA       (770) 984-8700         Springfield, MA       (413) 785-0123         St. Louis, MO       (314) 425-4249         Tampa, FL       (813) 626-1177         Tarrytown, NY       (914) 524-7510         Toledo, OH       (419) 259-7542         Tucker, GA       (770) 493-6644         Westbury, NY       (516) 334-3344         Wichita, KS       (316) 269-6644         Wilkes-Barre, PA       (717) 826-6538	Portland OR	(503) 326-2251
Raleigh, NC       (919) 856-4770         Sacramento, CA       (916) 566-7470         Salt Lake City, UT       (801) 487-0073         San Diego, CA       (619) 557-2909         Savannah, GA       (912) 652-4393         Smyrna, GA       (770) 984-8700         Springfield, MA       (413) 785-0123         St. Louis, MO       (314) 425-4249         Tampa, FL       (813) 626-1177         Tarrytown, NY       (914) 524-7510         Toledo, OH       (419) 259-7542         Tucker, GA       (770) 493-6644         Westbury, NY       (516) 334-3344         Wichita, KS       (316) 269-6644         Wilkes-Barre, PA       (717) 826-6538	Providence RI	(401) 528-4669
Sacramento, CA       (916) 566-7470         Salt Lake City, UT       (801) 487-0073         San Diego, CA       (619) 557-2909         Savannah, GA       (912) 652-4393         Smyrna, GA       (770) 984-8700         Springfield, MA       (413) 785-0123         St. Louis, MO       (314) 425-4249         Tampa, FL       (813) 626-1177         Tarrytown, NY       (914) 524-7510         Toledo, OH       (419) 259-7542         Tucker, GA       (770) 493-6644         Westbury, NY       (516) 334-3344         Wichita, KS       (316) 269-6644         Wilkes-Barre, PA       (717) 826-6538	Raleigh NC	(919) 856-4770
Salt Lake City, UT       (801) 487-0073         San Diego, CA       (619) 557-2909         Savannah, GA       (912) 652-4393         Smyrna, GA       (770) 984-8700         Springfield, MA       (413) 785-0123         St. Louis, MO       (314) 425-4249         Tampa, FL       (813) 626-1177         Tarrytown, NY       (914) 524-7510         Toledo, OH       (419) 259-7542         Tucker, GA       (770) 493-6644         Westbury, NY       (516) 334-3344         Wichita, KS       (316) 269-6644         Wilkes-Barre, PA       (717) 826-6538		
San Diego, CA       (619) 557-2909         Savannah, GA       (912) 652-4393         Smyrna, GA       (770) 984-8700         Springfield, MA       (413) 785-0123         St. Louis, MO       (314) 425-4249         Tampa, FL       (813) 626-1177         Tarrytown, NY       (914) 524-7510         Toledo, OH       (419) 259-7542         Tucker, GA       (770) 493-6644         Westbury, NY       (516) 334-3344         Wichita, KS       (316) 269-6644         Wilkes-Barre, PA       (717) 826-6538	Salt Lake City UT	(801) 487-0073
Savannah, GA       (912) 652-4393         Smyrna, GA       (770) 984-8700         Springfield, MA       (413) 785-0123         St. Louis, MO       (314) 425-4249         Tampa, FL       (813) 626-1177         Tarrytown, NY       (914) 524-7510         Toledo, OH       (419) 259-7542         Tucker, GA       (770) 493-6644         Westbury, NY       (516) 334-3344         Wichita, KS       (316) 269-6644         Wilkes-Barre, PA       (717) 826-6538	San Diago CA	(610) 557 2000
Smyrna, GA       (770) 984-8700         Springfield, MA       (413) 785-0123         St. Louis, MO       (314) 425-4249         Tampa, FL       (813) 626-1177         Tarrytown, NY       (914) 524-7510         Toledo, OH       (419) 259-7542         Tucker, GA       (770) 493-6644         Westbury, NY       (516) 334-3344         Wichita, KS       (316) 269-6644         Wilkes-Barre, PA       (717) 826-6538	Savannah GA	(012) 652 4303
Springfield, MA       (413) 785-0123         St. Louis, MO       (314) 425-4249         Tampa, FL       (813) 626-1177         Tarrytown, NY       (914) 524-7510         Toledo, OH       (419) 259-7542         Tucker, GA       (770) 493-6644         Westbury, NY       (516) 334-3344         Wichita, KS       (316) 269-6644         Wilkes-Barre, PA       (717) 826-6538	Smyrna GA	
St. Louis, MO       (314) 425-4249         Tampa, FL       (813) 626-1177         Tarrytown, NY       (914) 524-7510         Toledo, OH       (419) 259-7542         Tucker, GA       (770) 493-6644         Westbury, NY       (516) 334-3344         Wichita, KS       (316) 269-6644         Wilkes-Barre, PA       (717) 826-6538		
Tampa, FL       (813) 626-1177         Tarrytown, NY       (914) 524-7510         Toledo, OH       (419) 259-7542         Tucker, GA       (770) 493-6644         Westbury, NY       (516) 334-3344         Wichita, KS       (316) 269-6644         Wilkes-Barre, PA       (717) 826-6538	St Louis MO	(214) /25 /240
Tarrytown, NY       (914) 524-7510         Toledo, OH       (419) 259-7542         Tucker, GA       (770) 493-6644         Westbury, NY       (516) 334-3344         Wichita, KS       (316) 269-6644         Wilkes-Barre, PA       (717) 826-6538	Tompo El	(912) 626 1177
Toledo, OH       (419) 259-7542         Tucker, GA       (770) 493-6644         Westbury, NY       (516) 334-3344         Wichita, KS       (316) 269-6644         Wilkes-Barre, PA       (717) 826-6538		
Tucker, GA       (770) 493-6644         Westbury, NY       (516) 334-3344         Wichita, KS       (316) 269-6644         Wilkes-Barre, PA       (717) 826-6538	Talada OH	(410) 250 7542
Westbury, NY	Tuelsen CA	(770) 402 6644
Wilkes-Barre, PA(717) 826-6538	Woothway NV	(516) 224 2244
Wilkes-Barre, PA	Westbury, N I	(216) 260 6644
Wilkes-Barre, PA	Wichita, KS	(310) 209-0044
Wilmington, DE(302) 5/3-6115	Wilkes-Barre, PA	(202) 572 (115
	willington, DE	.(302) 3/3-0113

# 28 **OSHA Regional Offices**

### Region I (CT,\* MA, ME, NH, RI, VT\*)

JFK Federal Building Room E-340 Boston, MA 02203 Telephone: (617) 565-9860

### Region II (NJ, NY, PR, VI\*)

201 Varick Street Room 670 New York, NY 10014 Telephone: (212) 337-2378

#### Region III (DC, DE, MD,\* PA, VA,\* WV)

Gateway Building, Suite 2100 3535 Market Street Philadelphia, PA 19104 Telephone: (215) 596-1201

### Region IV (AL, FL, GA, KY, MS, NC, $\hat{SC}$ , $\hat{TN}$

Atlanta Federal Center 61 Forsyth Street, S.W., Room 6T50 Atlanta, GA 30303

Telephone: (404) 562-2300

### Region V (IL, IN, \* MI, \* MN, \* OH, WI)

230 South Dearborn Street Room 3244 Chicago, IL 60604

Telephone: (312) 353-2220

### Region VI (AR, LA, NM, OK, TX)

525 Griffin Street Room 602 Dallas, TX 75202

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# Region VII (IA,\* KS, MO, NE)

City Center Square 1100 Main Street, Suite 800 Kansas City, MO 64105 Telephone: (816) 426-5861

### Region VIII (CO, MT, ND, SD, UT,\* WY\*)

1999 Broadway, Suite 1690 Denver, CO 80202-5716 Telephone: (303) 844-1600

### Region IX (American Samoa, AZ,\* CA,\*

Guam, HI,\* NV,\* Trust Territories of the Pacific) 71 Stevenson Street Room 420

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### Region X (AK,\* ID, OR,\* WA\*)

1111 Third Avenue Suite 715

Seattle, WA 98101-3212 Telephone: (206) 553-5930

<sup>\*</sup>These states and territories operate their own OSHA-approved job safety and health programs (Connecticut and New York plans cover public employees only). States with approved programs must have a standard that is identical to, or at least as effective as, the federal standard.

